



STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Page 1

Purchase Order No. Rev. Date

62209

6/30/2008

Form GSOP 1-PIN (04/98)

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
395158	56901	120 Days ARC	Destination	
S DEPT. OF TRANSPORTATION h T DIST 3 FACILITIES i O 703 B STREET P MARYSVILLE CA 95901 Attn: L MATSUMOTO 5307414528		C DOT DISTRICT 3 FACILITIES h ATTN: LINDA MATSUMOTO a T 703 B STREET r O MARYSVILLE CA 95901 g e		
Agency Billing	Agency Purchase Estimate	Purchase Estimate	Revision	
60190	03-2507KM	67066	2	
Agency Contact		Phone	Date Received	
KATIE MCCLAIN		916-227-5668		

INNERSPACE
924-A S AMPHLETT BLVD
SAN MATEO, CA 94402
Attn: DAVE NEWSOM

Phone: 800-427-6558

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
THE GENERAL PROVISIONS FOR NON-IT COMMODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT: www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY: PRIME CONTRACTOR: SB						
1	5	EA	1096-000-0979-3	SHELVING INDUSTRIAL (AS DESCRIBED) Mobile Shelving Systems shall be furnished and installed according to the attached specification #7125-0045 of five (5) pages dated May 8, 2008. Brand: <u>BORROUGHS</u> Model: <u>aisle-saver</u>	34,800.0000	174,000.00
Total Value:						174,000.00
<u>OPTION TO PURCHASE ADDITIONAL OR TO DECREASE QUANTITIES:</u> In addition to the above quantities, the State reserves the right to purchase up to 50% more or less of the quantity as indicated on this solicitation, under the same bid and set price, for up to 180 days from award of purchase order.						

Sales and/or use tax to be extra unless noted above

Buyer GUS QUINTERO	Phone 916-375-4499	BOC Number
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Form GSOP 2-PIN (04/98)

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Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p><u>FOB DESTINATION:</u></p> <p>For the purpose of this order, only F.O.B. Destination will be accepted.</p>						
<p><u>REQUIREMENTS:</u></p> <p>The Movable Shelving System offered shall be in accordance with the requirements of the bid specification # 7125-0045. Features which are not specifically prohibited by the specification but which are a part of the manufacturer's standard commercial product shall be included in the equipment being furnished. A standard commercial product is a product which has been sold or is being currently offered for sale on the commercial market through advertisements or manufacturer's catalogs, or brochures, and represents the latest production model advertisements or manufacturer's catalogs, or brochures, and represents the latest production model.</p> <p>All Movable Shelving System shall be new and latest model in current production. Used, shopworn, demonstrator, prototype, or discontinued models are not acceptable.</p>						
<p><u>REPAIR SERVICES & SPARE PARTS:</u></p> <p>The contractor shall respond to a service call within 24 hours of notification and provide replacement parts within 48 hours after the problem has been identified.</p> <p>Manufacturer/Rep services and parts shall be available for a minimum of five (5) years from the date of acceptance.</p> <p>If there are any special tools required for normal maintenance, one set shall be provided.</p>						
<p><u>TRAINING:</u></p> <p>The contractor shall provide on-site training upon completion of the system. The training shall cover all aspects of the system operation and routine maintenance.</p>						
<p><u>OPERATOR MAINTENANCE MANUALS:</u></p> <p>A detailed, complete, and up-to-date operator's manual for all parts of the Movable Shelving System shall be provided at the time of delivery. All manuals and instructions shall be in the English language.</p>						
<p><u>ON-SITE INSPECTION:</u></p> <p>The State's site inspector shall perform an on-site inspection. All work that the contractor performs at the site shall be subject to the inspection of the site inspector. The contractor shall furnish the site inspector with a full set of plans and such information as may be necessary to keep the inspector fully informed as to progress of work and dates when site work will occur. The contractor shall notify the State and/or the State's inspector at least 48 hours prior to commencing work.</p>						

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Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p><u>QUALITY ASSURANCE:</u></p> <p>A. Installer Qualifications: Contractor shall engage an experienced installer who is a manufacturer's authorized representative for the specified products for installing carriages and anchoring shelving units to carriages.</p> <ol style="list-style-type: none"> 1. Minimum Qualifications: Three (3) years experience installing systems of comparable size and complexity to specified project requirements. Site references may be visited. 2. 24 hours maximum response time for service calls. 3. Contract is non-assignable. Contractor shall supply all supervisory and labor for installation. Contractor cannot sub-contract any part of contract, labor or assign a dealer of record. An authorized Northern California dealer, with its own service and installation department, shall handle all future service. Contractor shall have dedicated factory trained, certified technicians, employed by the Contractor, on a full-time basis. 4. Contractor shall possess a valid California Contractor's license. <p><u>DELIVERY/INSTALLATION:</u></p> <p>Installation shall be done in accordance to the attached State of California Bid Specification for Mobile Shelving System for the Dept. of Transportation #7125-0045.doc of (5) five pages, dated May 8, 2008, and per the attached Drawings #67066dwg.pdf of (12) twelve pages, dated May 8, 2008.</p> <p>All packaged materials and equipment shall be delivered and unpacked at the work site. Removal, clean up requires leaving the installation and work area in the same condition as it was prior to delivery of the materials.</p> <p>Supplier/Contractor shall contact the agency program representative (Linda Matsumoto) at (530) 741-4528 within two weeks prior to delivery to coordinate the installation logistics within 60 days after receipt of order.</p> <p><u>WARRANTY:</u></p> <p>Contractor shall provide a written warranty, executed by the Contractor, Installer, and Manufacturer agreeing to repair or replace units which fail in materials or workmanship within the established warranty period. This warranty shall be in addition to, and not a limitation of, other rights the State may have under the General Provisions of the contract.</p> <p>The system shall be fully warranted to be free from defects in materials and workmanship for a minimum period of (5) five years from the date of acceptance to the State. Vendor shall bear all material, labor and transportation costs for repair of defects and failures occurring within the warranty period.</p> <p>BOE permit number in the space provided below (or attach a copy of the permit with your bid.)</p>						

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Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p><u>CHANGE ORDERS:</u></p> <p>This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.</p> <p>This purchase order is being awarded on September 25, 2008 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.</p> <p>This Purchase order has been registered into the state contract and procurement registration system (https://www.scprs.dgs.ca.gov/). The registration number is 26600908334528.</p>						

STATE OF CALIFORNIA

Bid Specification

Mobile Shelving System Department of Transportation

1.0 INTRODUCTION:

This specification establishes the requirements for the purchase and installation of five (5) Movable Shelving Systems consisting of mechanical, carriage mounted, high-density mobile storage units, support rails, fabrication, and leveling of support rails on the first floor, second floor, and third floors of a five-story building at the California Department of Transportation, 703 B Street, Marysville, California. The Systems shall be installed complete and ready for use.

All costs of transportation and installation at the site shall be included in the bid price.

The site is under construction and the structural floor system has been engineered for high density filing units in designated spaces and is capable of supporting live and dead loads required by prevailing building codes, including loads of storage units to be installed.

2.0 SCOPE:

- A. Surveys Room 255. Filing capacity shall be no less than 1316 linear feet. **See Drawing # 3a. See Floorplan # 3A for placement in room.**
- B. Design Unit Records Room 304. Filing capacity shall be no less than 1433 linear feet. **See Drawing # 3b. See Floorplan # 3B for placement in room.**
- C. Design and Engineering Services Room 102. Filing capacity shall be 1333 linear feet. **See Drawing # 3c. See Floorplan # 3C for placement in room.**
- D. Environmental Records Room, Room 350. File capacity shall be 1260 linear feet. **See Drawing # 3d. See Floorplan # 3D for placement in room.**
- E. Traffic Report Room 206. Filing capacity shall be 650 linear feet. **See Drawing # 3e. See Floorplan # 3e for placement in room.**

3.0 APPLICABLE SPECIFICATIONS AND STANDARDS:

Latest version of Specifications and Standards referenced in this document in effect on the opening of the Invitation for Bid form a part of this specification where referenced.

Standard and Code compliance shall comply with or meet the following:

- A. ANSI MH28.1 – 1997 Industrial Grade Steel Shelving
- B. Title 8 (Industrial Safety Orders), Title 24 (State Building Standards Law) and Title 17 (Public Health of the California Administrative Code) for all mechanical equipment furnished.
- C. American National Standards Institute (ANSI) Standards - Applicable standards for fasteners used for assembly.
- D. American Society for Testing and Materials (ASTM) Standards - Applicable standards for steel sheet materials used for fabrication.

- E. American Institute of Steel Construction (AISC) Standards - Applicable standards for steel materials used for fabrication.

4.0 GENERAL SYSTEM REQUIREMENTS:

- A. General: The system consists of storage units mounted on track-guided carriages to form a compact storage system. System design permits access to any single aisle by moving units until the desired aisle is opened. The carriage/rail system provides uniform carriage movement along the total length of travel, even with unbalanced loads.
- B. Carriage System Design and Features: The carriage system consists of a formed structural steel frame with hardened steel wheels riding on steel rails recessed into the floor. Rails shall ensure smooth operation and self-centering of mobile storage units during travel without end play or binding. All bearings used in the drive mechanism shall be permanently shielded and lubricated.
- C. Movement Controls: Triple or single arm operating wheels with rotating hand knobs shall be provided on the accessible (drive) ends of shelf units, centered on the end panel, located 40 inches (1051 mm) from the base of each unit to permit units to be moved to create a single aisle opening. Turning the handle transmits power through chain drive to drive wheels on each carriage.
- D. Drive System: The system shall be designed with a positive type mechanically-assisted drive which minimizes end play, ensures there is no play in the drive handle, and that carriages will stop without drifting.

System shall include a chain sprocket drive system for each movable carriage to ensure that carriages move uniformly along the total length of travel, even with unbalanced loads. All system components shall be selected to ensure a smooth, even movement along the entire carriage length. Drive system gearing shall be designed to permit 1 lb. of force applied to the drive handle to move a minimum of 3,000 lbs. of load.

Handle slippage shall not exceed 10° rotation.

All bearings used in the drive mechanism shall be permanently shielded and lubricated.

- E. Safety Features:

A single safety lock button, mounted on each operating wheel hub, will permit moving a carriage in either direction to create a new access aisle when pulled out (unlocked), or locking the carriage when pushed in.

- F. Finishes:

1. Fabricated Metal Components And Assemblies: Manufacturer's standard powder coat paint finish.
2. End Panels, Accessible Ends: Plastic laminate in manufacturer's standard available textures and patterns or manufacturer's standard powder coat paint finish in standard available colors.
3. End Panels, Blind Ends: Plastic laminate in manufacturer's standard available textures and patterns or manufacturer's standard powder coat paint finish in standard available colors.

G. Basic Materials:

1. General: Provide materials and quality of workmanship which meet or exceed established industry standards for products specified. Use furniture grade sheet metal for component fabrication unless indicated otherwise.
2. Plastic Laminates: NEMA LD-3, GP-28, Vertical Grade.

H. Grout:

1. General: Provide non-shrink, non-staining hydraulic cement compound conforming to the following requirements, based on the performance of the test specimens at room temperature and in laboratory air, as stated by the grout manufacturer.
2. Linear Movement: No shrinkage while setting; maximum expansion limited to .002 inches per linear inch.
3. Compressive Strength: Based on two inch cubes made following ASTM standards, tested on a Balding-Southward machine of 60,000 pounds capacity, meet or exceed the following:

Age: 1 hour --- 4,500 psi

7 days --- 8,000 psi

5.0 MANUFACTURED COMPONENTS:

A. Rails:

1. Material: ASTM/AISI Type 1035 or 1045 steel, manufacturer's selection.
2. Capacity: 1,000 pounds per lineal foot (1385 kg/M) of carriage.
3. Minimum Contact Surface: 5/8 inch (16MM) wide.
4. Provide rail sections in minimum 6 foot (1.83M) lengths.
5. Provide rail connections designed to provide horizontal and vertical continuity between rail sections, to gradually transfer the concentrated wheel point load to and from adjoining rail sections. Butt joints without connections are not permitted.
6. Once rails are leveled, non-shrink, non-staining hydraulic cement compound shall be provided, completely filling any voids under the entire length of all rails including rail connectors.
7. Finished flooring materials shall be provided by the State.

B. Floor / Ramp:

1. Provide 3/4" plywood floor panels to raise finished floor flush to top of track. Floor shall have integrated leveling screws maximum 16" on center. Provide a ramp at front of assembly. Ramp shall not extend past the front of the unit into the main access aisle.
2. Leveled within 0.0031 inches of finished grade, regardless of original floor condition.
3. Equipped with a sloping ramp the full length of the system, complying with all local, state and federal access requirements, that does not extend beyond any face panel. No metal ramps.

4. Floor/Ramp Sheathing: Minimum 31/32 inch, 7-ply AC grade plywood. *Particleboard sheathing materials are not permitted.*
5. Fire retardant treated floor/ramp materials are required by code. *Non fire- retardant materials are not permitted.*

C. Carriages:

1. Provide manufacturer's design movable carriages fabricated of welded steel construction. Galvanized structural components and/or riveted carriages are unacceptable. 1,000 pound per foot (1385 kg/M) minimum capacity.
2. Provide fixed carriages of same construction and height as the movable carriages, anchored to rails. Setting fixed shelving directly on floors is not permitted.
3. When required, provide bolted carriage splices designed to maintain proper unit alignment and weight load distribution.
4. Design carriages to allow the shelving uprights to either recess and interlock a minimum of 3/4 inch (19MM) into the carriages or be secured with vibration-proof anchors.
5. Provide each carriage with two wheels per rail.

D. Wheels:

1. Materials: Type [1045 solid steel] [ASTM A 536 specification 65/45/12 machined ductile iron]. Minimum load capacity per wheel: 3200 lbs. (1455kg).
2. Size: Minimum [5 inches (127MM)] outside diameter drive and guide wheels.
3. Guides: dual flange on each wheel assembly.

E. Drive System:

1. Design: Provide drive system which prevents carriage whipping, binding and excessive wheel/rail wear under normal operation. All wheels on one side of carriage shall drive.
2. Shafts: Solid steel rod or tube.
3. Shaft Connections: Secured couplings.
4. Bearing Surfaces: Provide rotating load bearing members with ball or roller bearings. Provide shafts with pillow block or flanged self-aligning type bearings.
5. Drive wheels on both sides of the carriage shall be synchronized to ensure even wheel movement.
6. The carriage drive system shall be designed for simultaneous wheel rotation and even, parallel carriage movement.
7. All wheels to be equipped with two (2) permanently shielded bearing assemblies. Provide spacers on both sides of wheel bearings to eliminate friction between wheels and carriage.
8. Wheels being driven on only one side of each carriage and interconnected with a single continuous shaft (line shaft) is not considered a dual synchronized drive system and will not be permitted.

F. Safety Features:

1. Visual indicators shall provide verification that carriages are in the locked or unlocked mode.

G. Shelving:

1. Four-post, wedge-locking design, consisting of three basic parts: uprights, shelves, and shelf supports, which are assembled without nuts, bolts, or clips of any kind and without sway braces or gussets. There shall be no holes on any exposed surface. The front and back flange of the shelf shall be flush with the outside face of the post.
2. Shelves shall be adjustable, 22-gauge steel with dust covers.

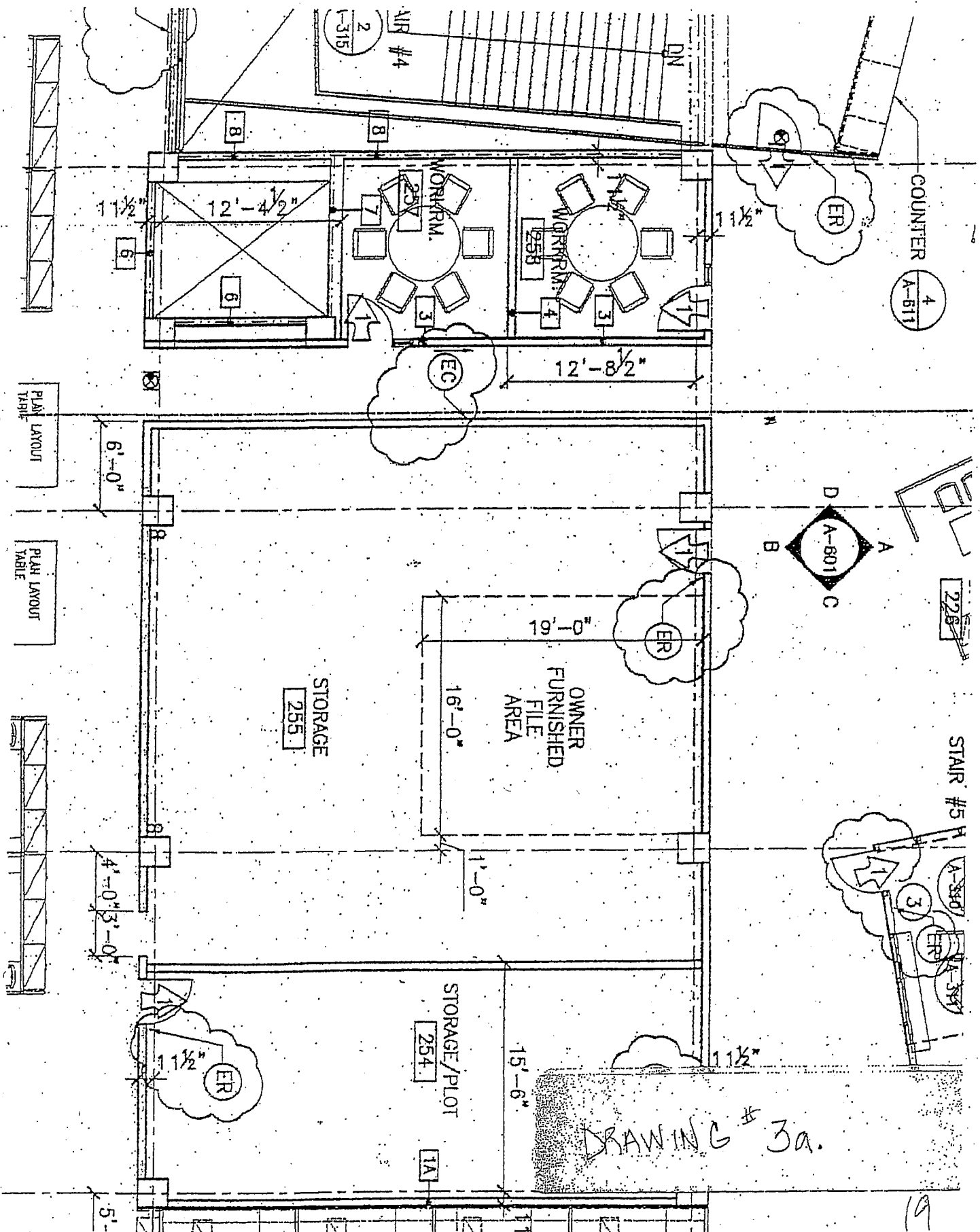
H. Face Panels:

1. Covered with a high-pressure laminate in a color to match the shelving. Shelving units shall experience no damage resulting from any impact between shelving units.
2. Installed to cover the full height and width of the front of the carriage and/or platform.
3. Installed on the exposed face of every carriage and platform.
4. Securely attached to the shelving and carriage.
5. Supported by the carriage, not the shelving.
6. Equipped with two 3" x 5" cardholders, one per side, for identifying shelf contents.

6.0 **CONSTRUCTION:**

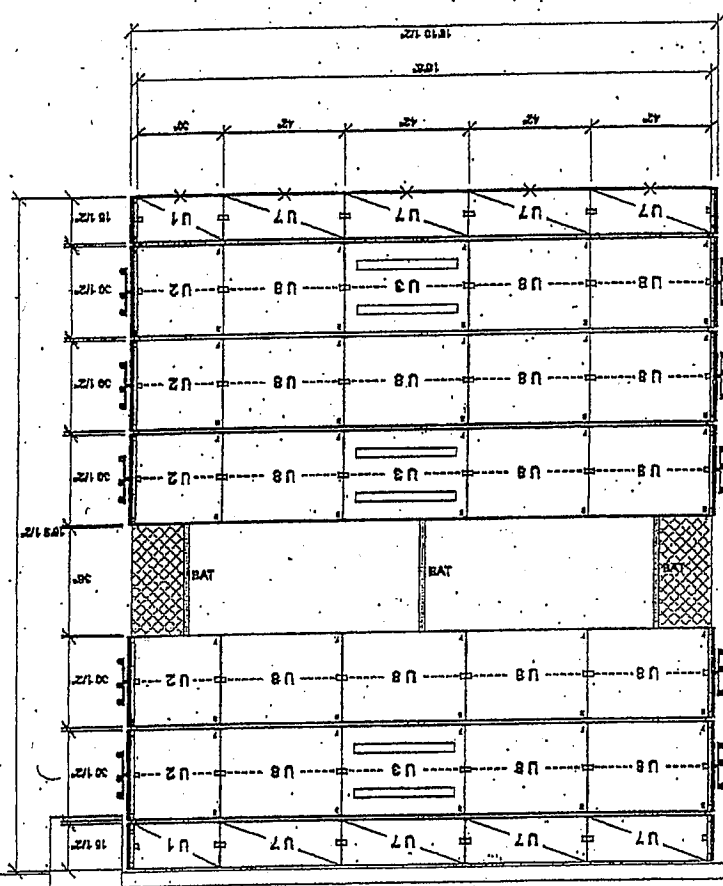
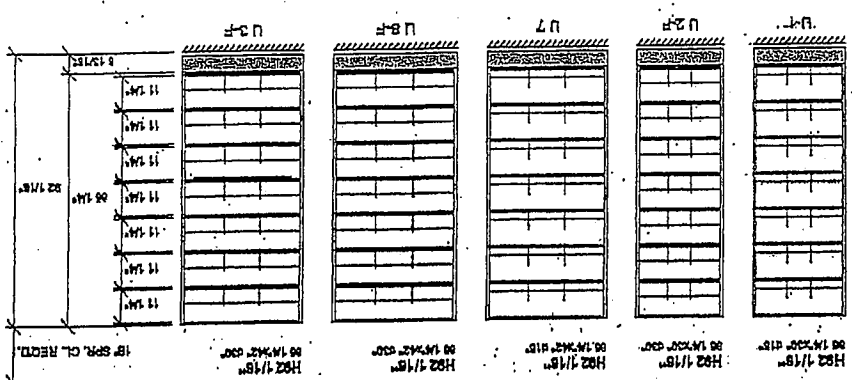
- A. All like items throughout shall be fully interchangeable in all shelf units of the same manufacturer.
- B. All exposed reinforcing materials installed under this contract shall be factory pre-finished with a lead-free industrial enamel paint offering strong adhesion and high abrasion resistance.
- C. Color shall be approved by the State.

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DRAWING # 3a.

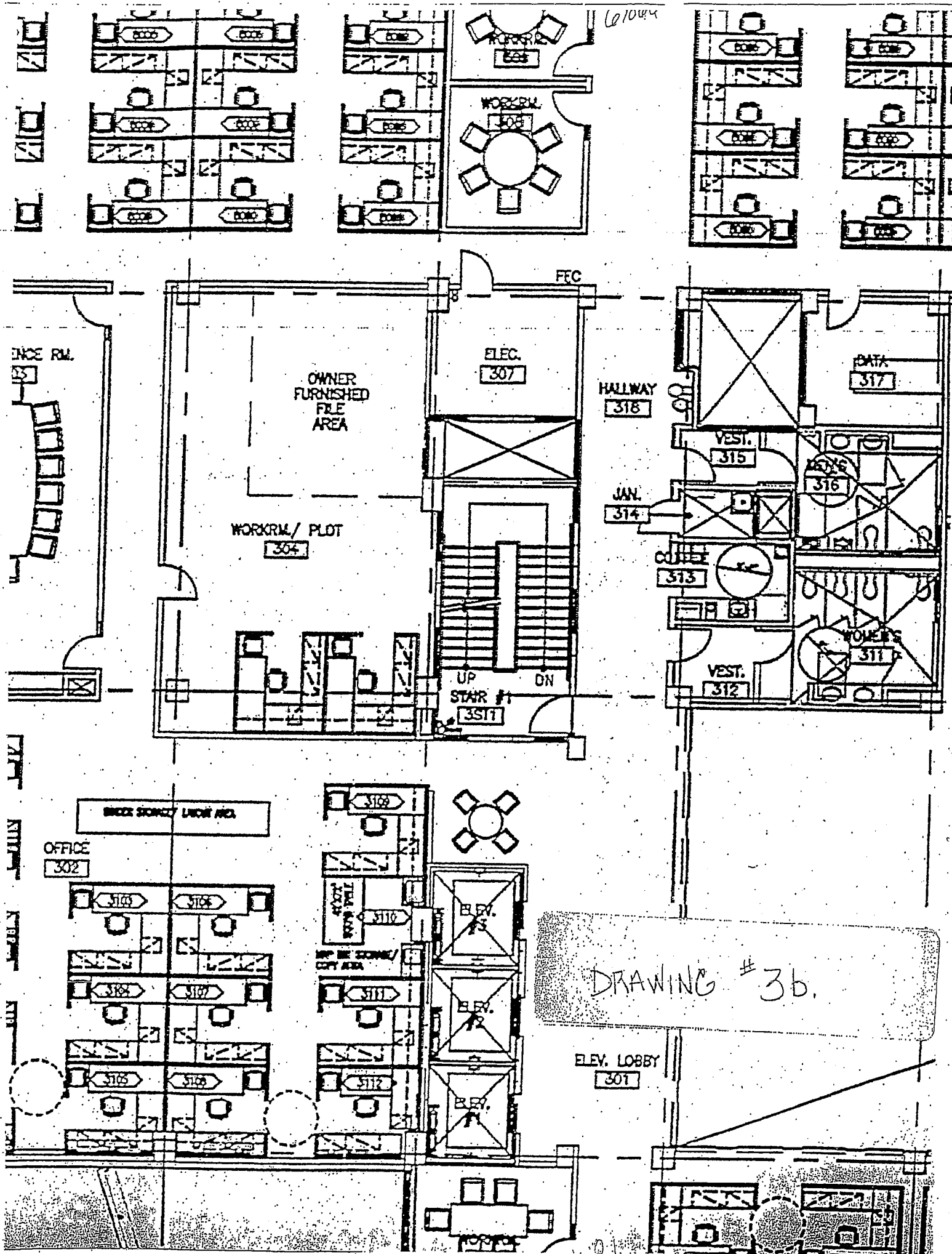
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PURCHASE / INSTALL IN ROOM 255 - SURVEYS

FLOORPLAN # 3A

PAGE 1 OF 1



Floor plan of a room measuring 23'6" by 17'6 1/8". The room is divided into a grid of sections. The first three rows contain binders and bankers, while the fourth row contains bathtubs. The dimensions of the sections are as follows:

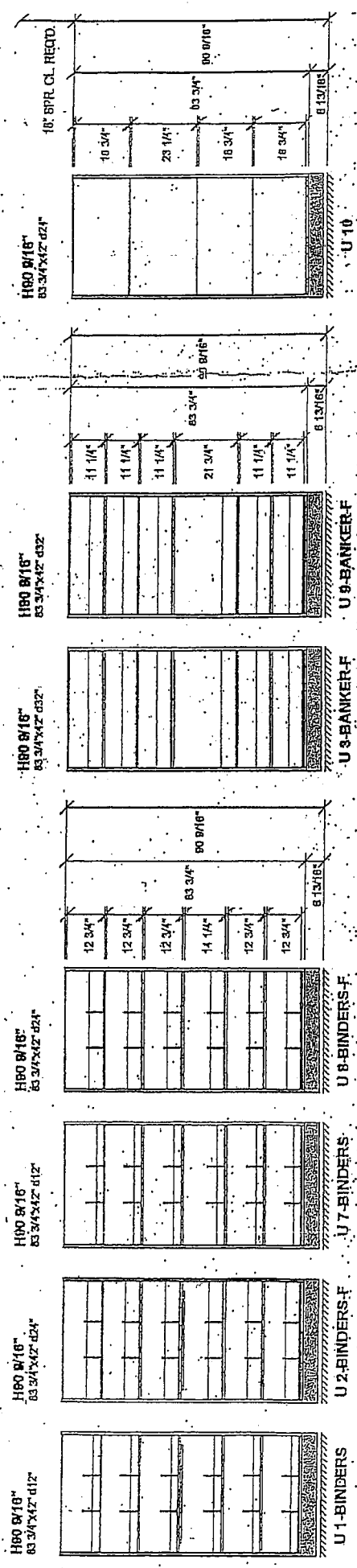
Section	Width	Height	Content
1	12 1/2"	42"	U 7-BINDERS
2	24 1/2"	42"	U 7-BINDERS
3	24 1/2"	42"	U 7-BINDERS
4	24 1/2"	42"	U 7-BINDERS
5	32 1/2"	42"	U 8-BANKER
6	32 1/2"	42"	U 8-BANKER
7	32 1/2"	42"	U 8-BANKER
8	41"	42"	BAT
9	48 1/2"	42"	BAT

The room is labeled with dimensions: 23'6" (width) and 17'6 1/8" (depth). The sections are labeled with their contents: U 7-BINDERS, U 8-BANKER, and BAT. The dimensions of the sections are: 12 1/2", 24 1/2", 24 1/2", 24 1/2", 32 1/2", 32 1/2", 32 1/2", 41", and 48 1/2".

FLOORPLAN ~~#~~ 3B

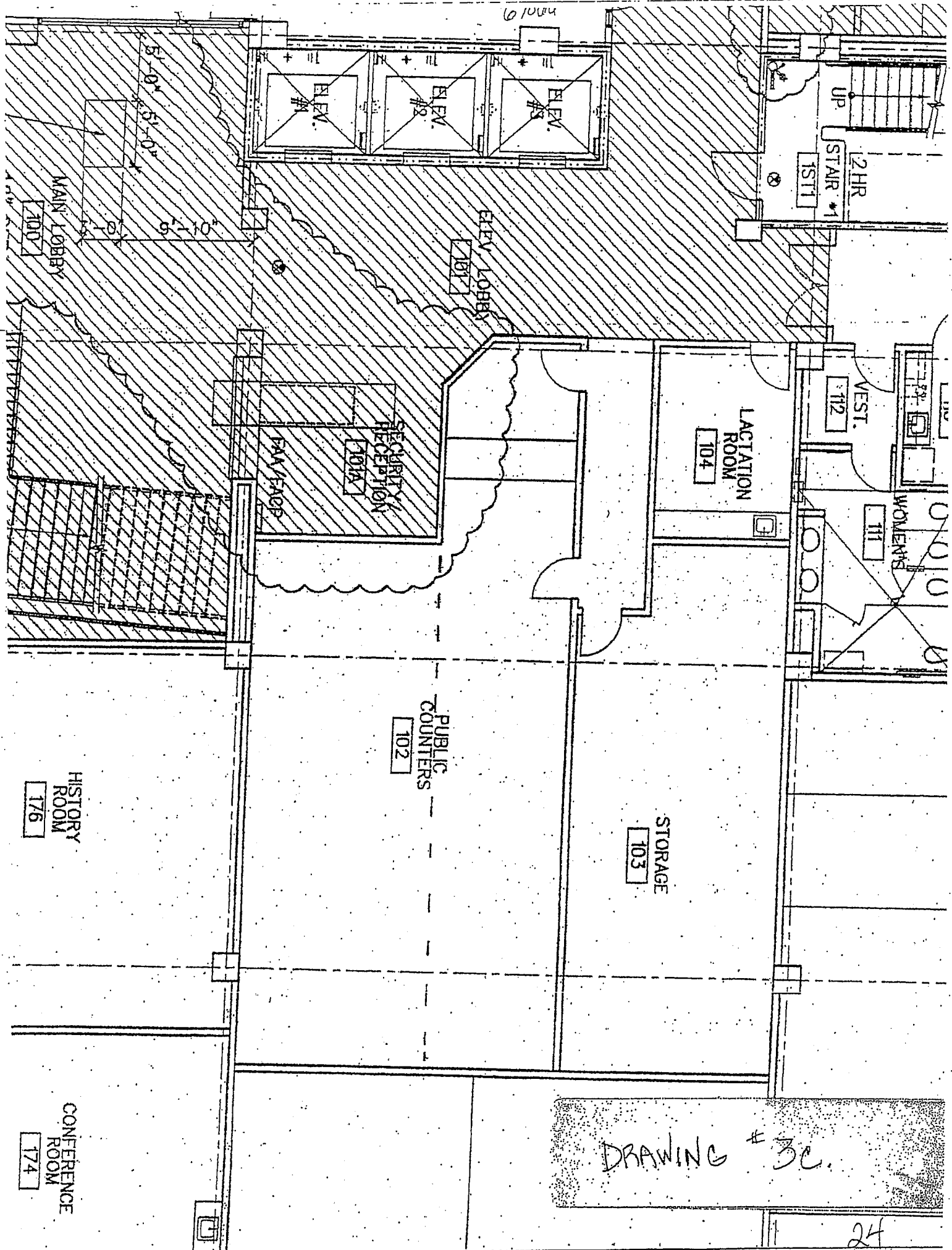
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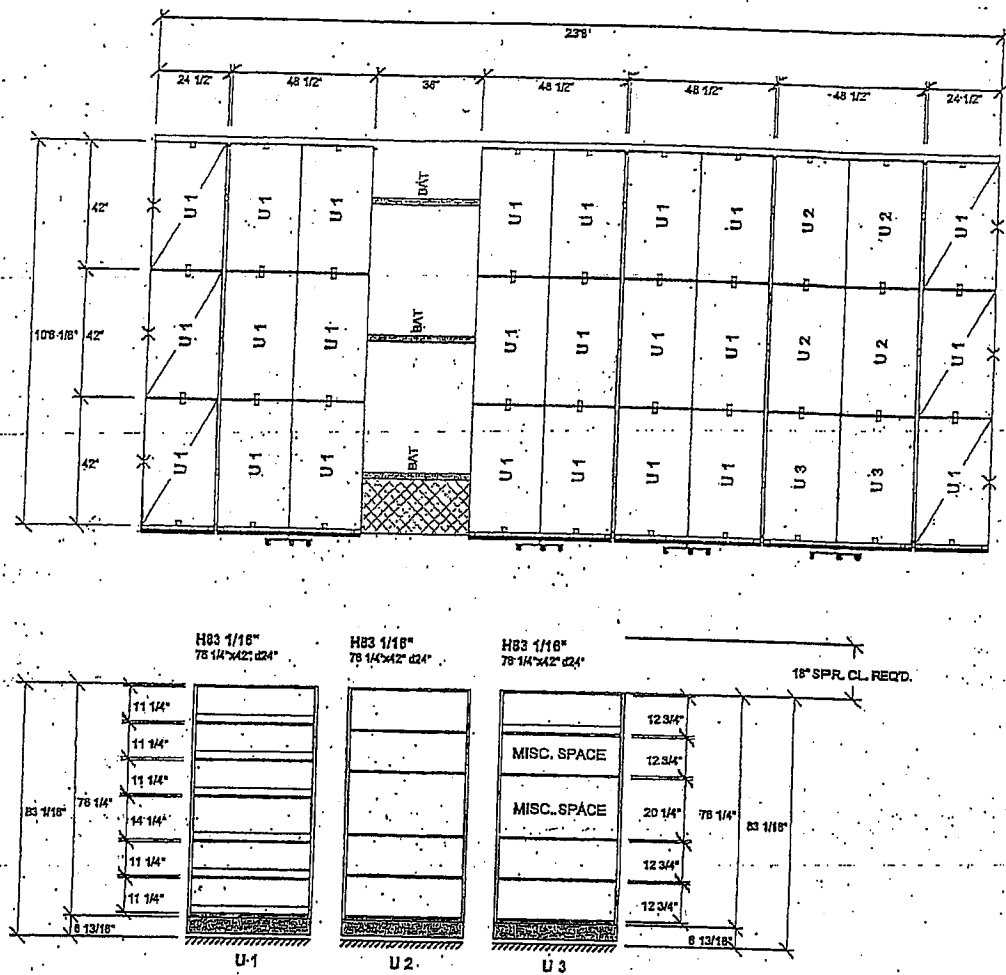
FLOORPLAN # 3B

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DRAWING # 3C.

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PURCHASE/INSTALL IN ROOM 102 - DESIGN AND
ENGINEERING SERVICES

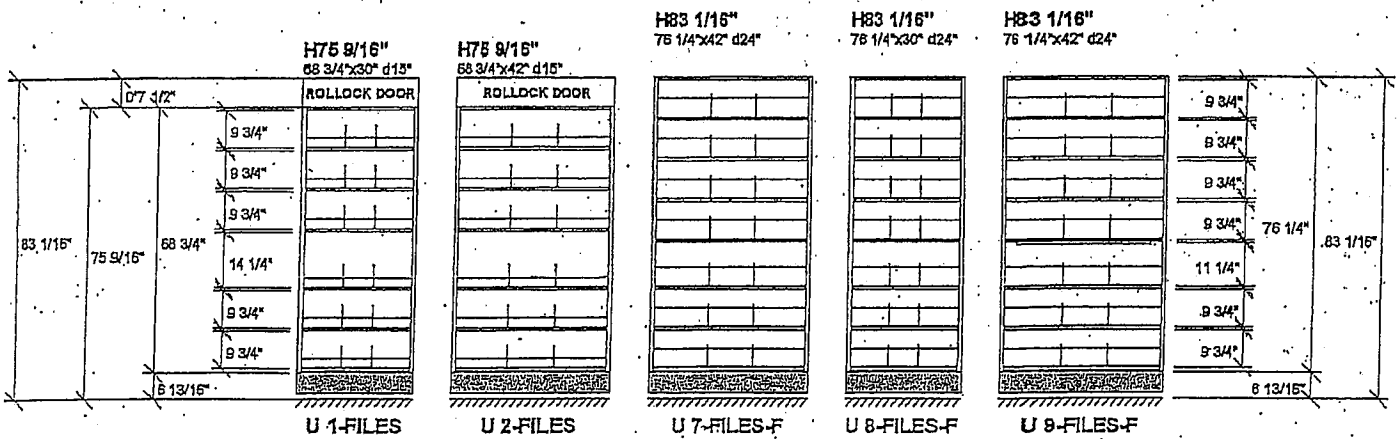
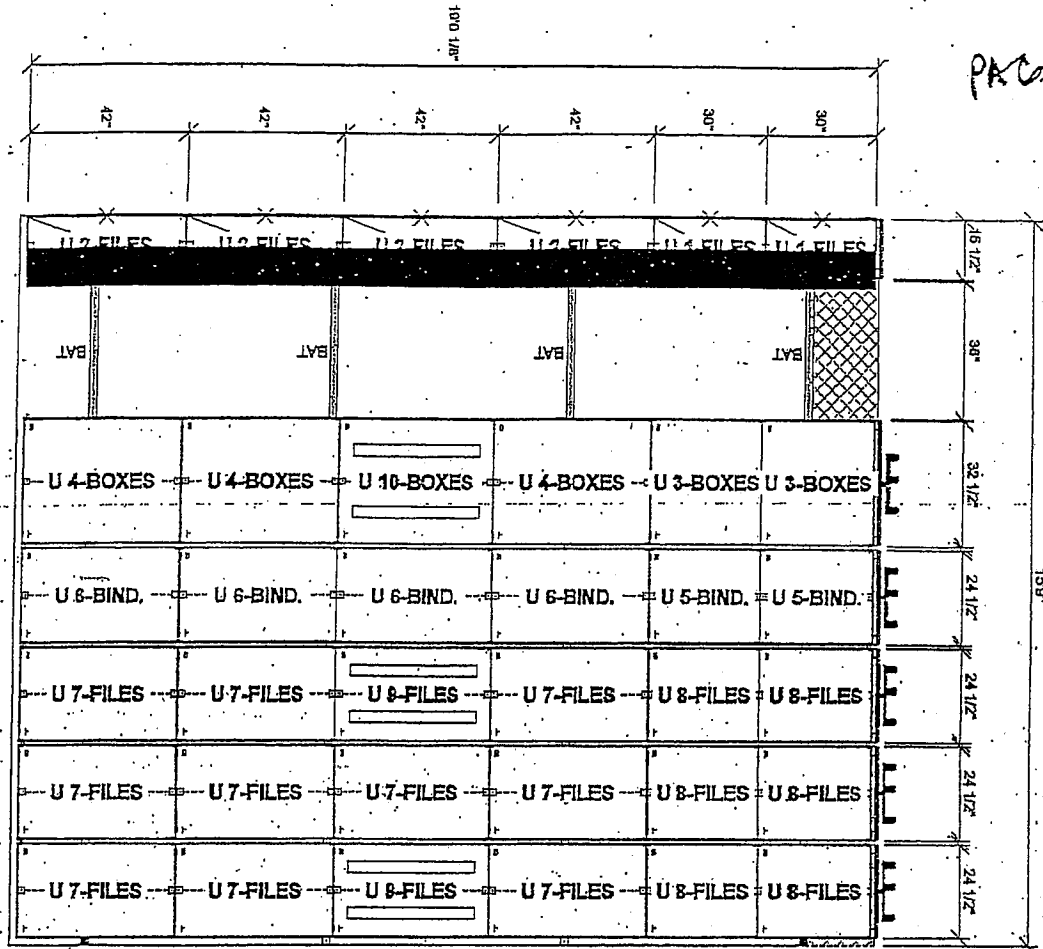
FLOORPLAN # 3C

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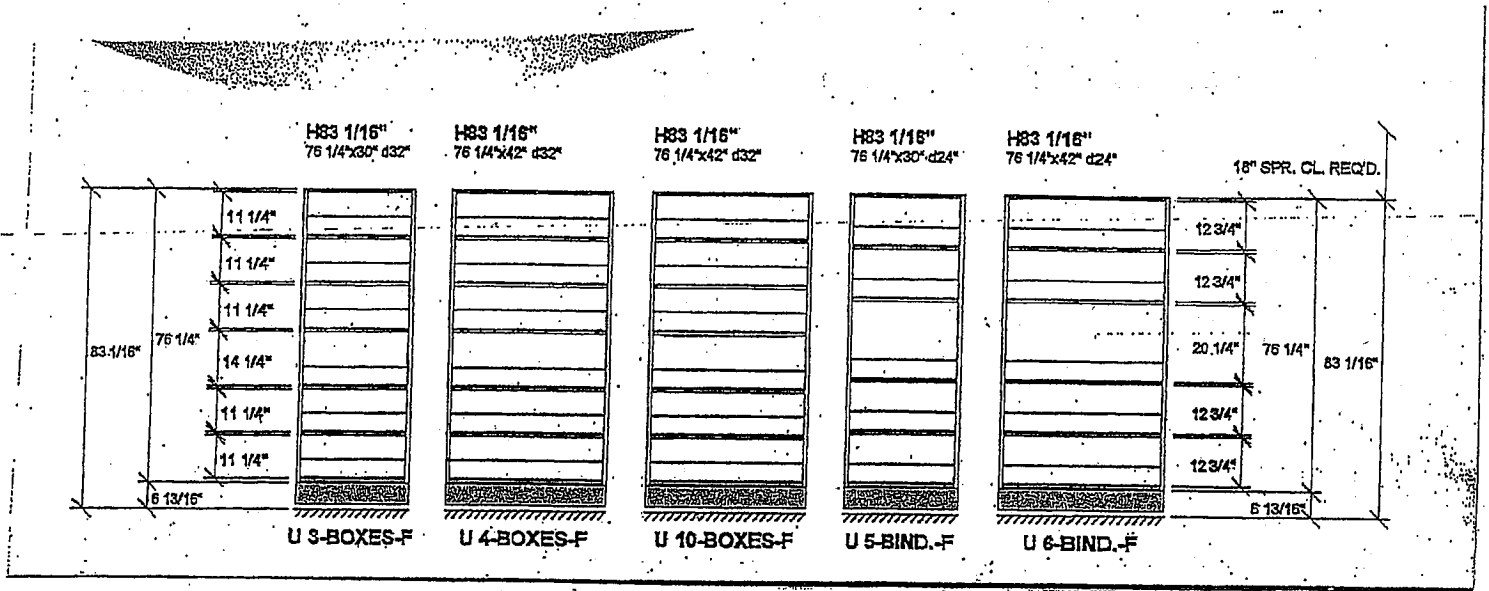
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PURCHASE / INSTALL IN ROOM 350 - ENVIRONMENTAL
 RECORDS ROOM
 FLOORPLAN # 3D

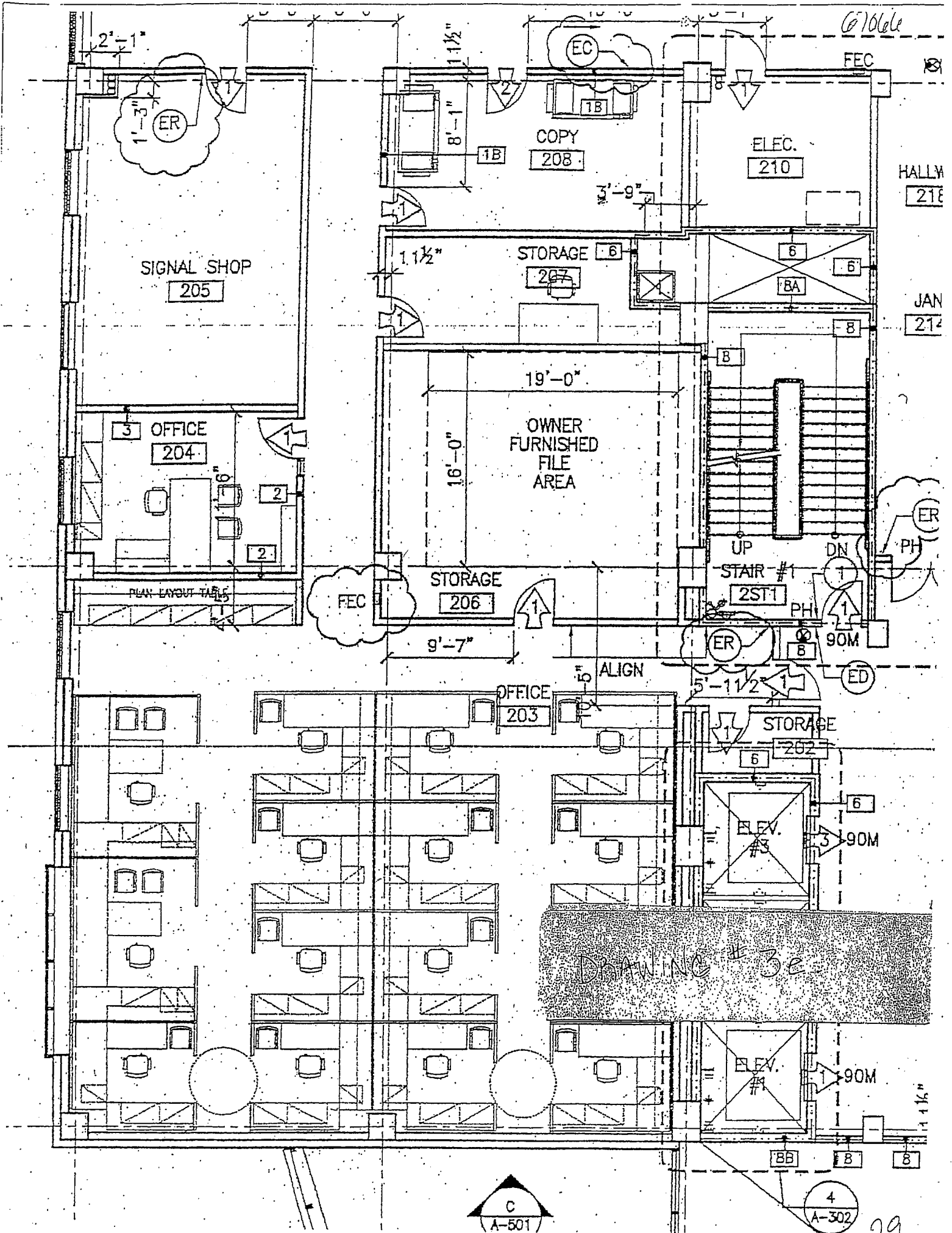
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FLOOR PLAN # 3D

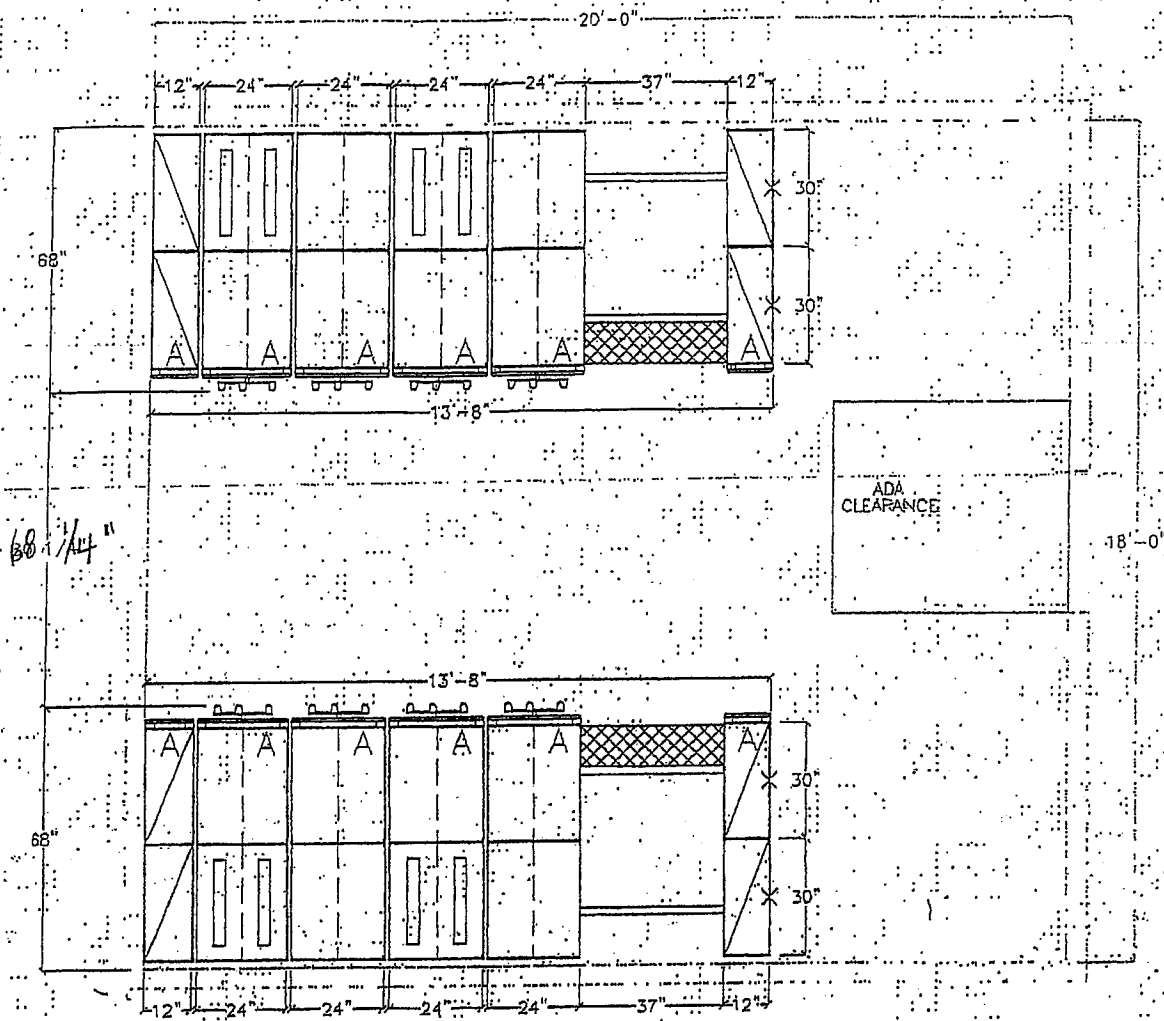
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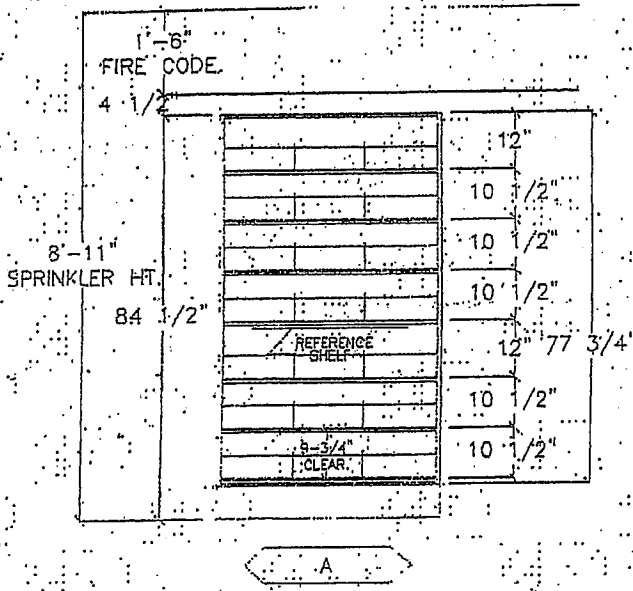


DRAWING # 3e

6-7-06



FLOOR PLAN



FRONT ELEVATION

PURCHASE/INSTALL IN
ROOM 206 - TRAFFIC
REPORT ROOM

FLOOR PLAN #3E